

CYDD CANADIAN ASSOCIATION OF PETROLEUM PRODUCERS



EIA 2007 Annual Energy Outlook

March 2007

- 150 producer member companies
- bitumen and sulphur throughout Canada Explore for, develop and produce natural gas, natural gas liquids, crude oil, synthetic crude oil,
- Members produce more than 95 per cent of Canada's natural gas and crude oil
- services that support the upstream crude oil and 130 associate members provide a wide range of natural gas industry

in the North American Energy Economy Canada's Oil and Gas Industry

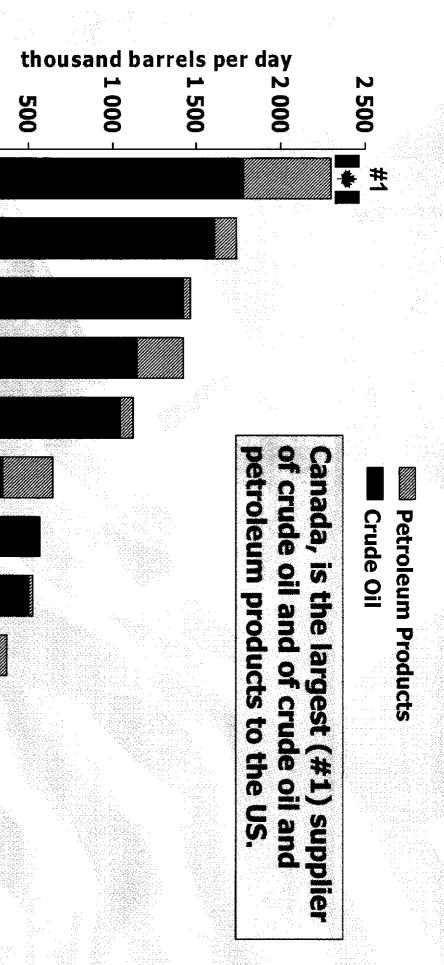


- Canada is the world's 3rd largest natural gas producer
- Canada is the world's 8th largest crude oil producer
- and moving up the list quickly with oil sands production increasing
- Canada is the largest supplier of energy to the United States

Share of U.S. 86%	Share of U.S. consumption 16%	Ranking of importers to #1	Canadian Ca 2006 Natural Gas Pei
16%	11%	*	Canadian Petroleum

U.S. Imports of Crude Oil and Petroleum Products by Country of Origin





Source: EIA, Jan-Nov 2006

Canada Mexico Saudi Venezuela Nigeria Algeria

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Angola Russia

Virgin Ecuador United Norway

Kingdom

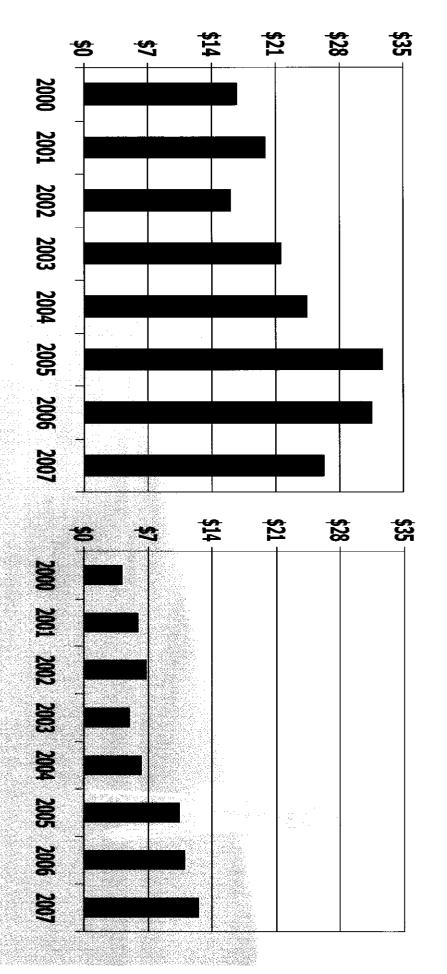
Arabia

Oil & Gas Investment in Western Canada (Cdn \$ billion)

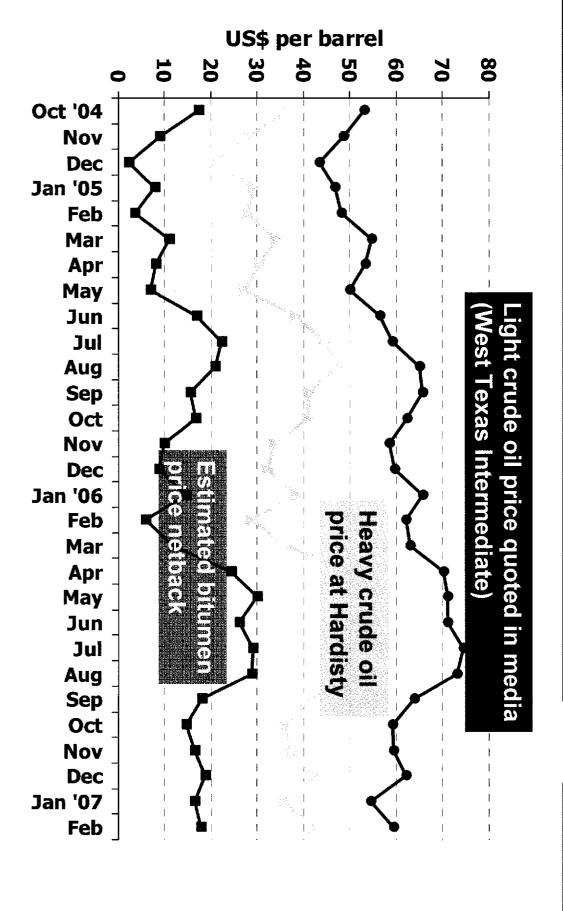








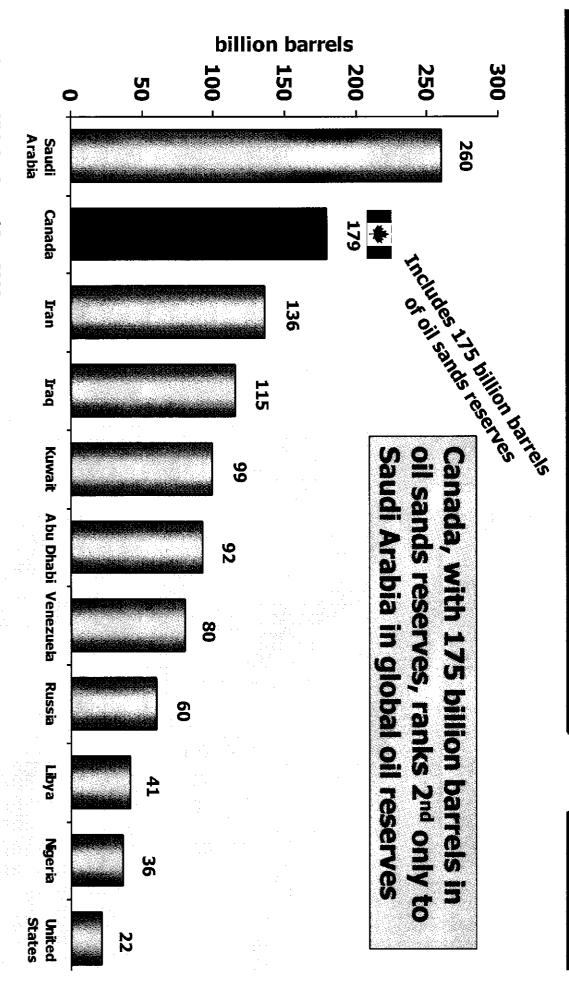






Global Crude Oil Reserves by Country





Source: Oil & Gas Journal Dec. 2006

Oil Sands Production Technologies

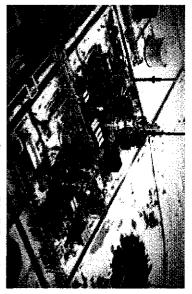
CAPP

20% less than 50 m deep

Mining & Upgrading
Recoverable reserves
= 35 billion barrels



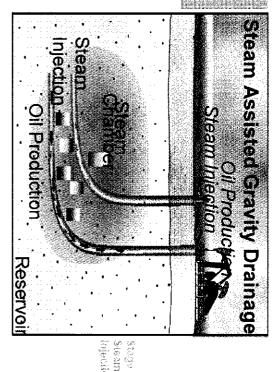
Source: Syncrude



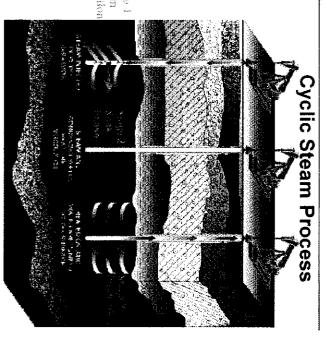
Source: Shell Canada

80% more than 50 m deep

Recoverable reserves
= 140 billion barrels



Source: Petro-Canada

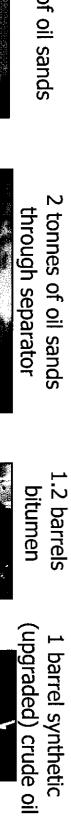


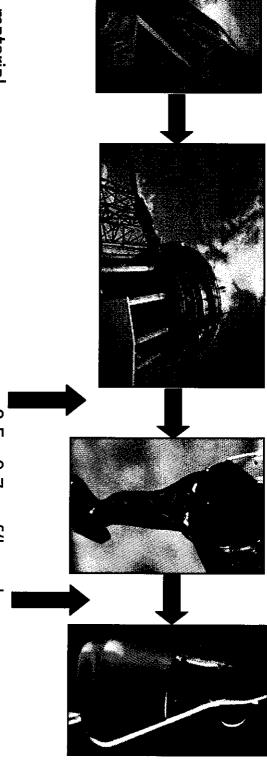
Source: Imperial Oil

Oil sands Mining and Upgrading Process

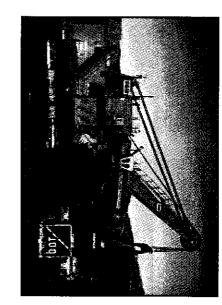


2 tonnes of oil sands





4 tonnes material



0.5 - 0.7 mcf/barrel



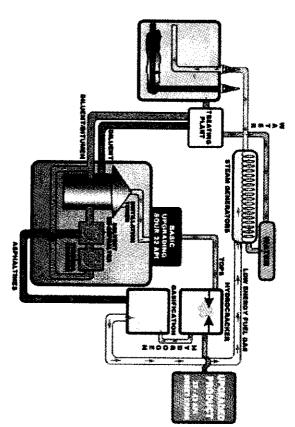
Oil Sands Production Technologies Alternatives to Natural Gas







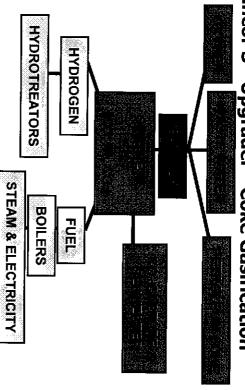
OrCrude Process - Nexen/OPTI Longlake



Multiphase Superfine Atomized Residue - DeerCreek



Suncor 3rd Upgrader - Coke Gasification



Environmental Stewardship



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- Monitoring programs
- Reducing emissions
- CO2 capture and EOR

Water

- Reduce, recycle and reuse
- Insitu using "saline" aquifers
- More efficient, 90+% recycle

Land

- Reclamation and remediation
- Directional drilling from single site to reduce impact

